

ABSTRACT

One implementation provides a computer-implemented method for modifying network configuration information on a client node. In this implementation, the client node establishes a first network connection with a host node using at least one
5 network configuration parameter and collects configuration history information. The configuration history information includes at least one parameter that is related to the first network connection. The client node also analyzes policy information that includes a rule that is used for specifying a predetermined criterion. If one of the parameters in the configuration history information does not satisfy the predetermined
10 criterion, the client node modifies one of the network configuration parameters. The client node is then capable of establishing a second network connection with the host node using the modified network configuration parameter.

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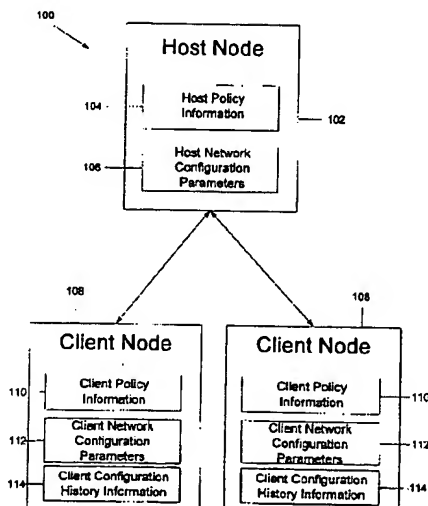
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(54) Title: NETWORK CONFIGURATION MANAGEMENT



(57) Abstract: One implementation provides a computer-implemented method for modifying network configuration information on a client node. In this implementation, the client node establishes a first network connection with a host node using at least one network configuration parameter and collects configuration history information. The configuration history information includes at least one parameter that is related to the first network connection. The client node also analyzes policy information that includes a rule that is used for specifying a predetermined criterion. If one of the parameters in the configuration history information does not satisfy the predetermined criterion, the client node modifies one of the network configuration parameters. The client node is then capable of establishing a second network connection with the host node using the modified network configuration parameter.

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